

I CLAIM:

1. A method of formatting data for populating a telecommunications switch, comprising the steps of:

downloading output-formatted data from the switch;  
converting the output-formatted data to input-formatted data acceptable for input to the switch;  
editing the input-formatted data;  
transmitting the input-formatted data to the switch; and  
populating the switch with the input-formatted data.

2. The method of Claim 1, further comprising the step of opening a link between a first computing system and the switch; and

transmitting the input-formatted data to the switch via the link between the first computing system and the switch.

3. The method of Claim 2, wherein the step of opening a link between a first computing system and the switch includes opening a Telnet session at the first computing system; and

establishing a communications link for transmitting data to and from the first computing system and the switch.

4. The method of Claim 3, wherein the step of downloading output-formatted data from the switch includes the steps of:

launching a data formatting program on the first computing system; and  
opening a graphical user interface for receiving downloaded output-formatted data from the switch; and  
copying the output-formatted data into the graphical user interface.

5. The method of Claim 1, wherein the step of editing the input-formatted data includes adding new data to the input-formatted data according to a format of the input-formatted data.

6. The method of Claim 1, wherein the step of editing the input-formatted data includes the step of deleting data from the input-formatted data.

7. The method of Claim 1, wherein the step of transmitting the input-formatted data to the switch includes the step of transmitting the input-formatted data to a second switch.

8. The method of Claim 1, whereby the step of transmitting the input-formatted data to the switch includes the step of transmitting the input-formatted data to a plurality of switches.

9. The method of Claim 1, whereby the step of populating the switch with the input-formatted data includes the step of populating a second switch with the input-formatted data.

10. The method of Claim 1, whereby the step of populating the switch with the input-formatted data includes the step of populating a plurality of switches with the input-formatted data.

11. The method of Claim 5, whereby the new data is NPA-NXX data.

12. The method of Claim 1, whereby the data includes routing information for call processing.

13. A method of formatting data for populating a wireless telecommunications switch with roaming information for roaming wireless telephone users, comprising the steps of:

entering communication link data for establishing roaming services on a roaming wireless telecommunications switch;

converting the communication link data to input-formatted data for input to the switch;

editing the input-formatted data; and

transmitting the input-formatted data to the switch.

14. The method of Claim 13, prior to the step of transmitting the output-formatted data to the switch, further comprising the step of downloading output-formatted data on a roaming wireless telephone for population at the switch;

converting the output-formatted data for the wireless telephone to input-formatted data; and

combining the input-formatted data for the wireless telephone with the input-formatted communication link data.

15. The method of Claim 14, further comprising the step of transmitting the combined input-formatted data for the wireless telephone and the input-formatted communication link data to the switch; and

populating the switch with the combined input-formatted data for the wireless telephone and the input-formatted communication link data.

16. A system for formatting data for populating a telecommunications switch, comprising:

- a data communication program operative
- to download output-formatted data from the switch;
- to copy the output-formatted data into the graphical user interface of a switch script building program;
- the switch building program operative
- to convert the output-formatted data to input-formatted data acceptable for input to the switch;
- to allow editing of the input-formatted data;
- to copy the input-formatted data into the data communication program;
- the data communication program further operative
- to transmit the input-formatted data to the switch; and
- to populate the switch with the input-formatted data.

17. The system of Claim 16, wherein the data communication program is a Telnet program for opening a communication link between a first computing system and the switch.

18. A method of formatting data for populating a telecommunications switch, comprising the steps of:

- downloading output-formatted data from the switch;
- launching a data formatting program;
- opening a graphical user interface for receiving downloaded output-formatted data from the switch;
- copying the output-formatted data into the graphical user interface;
- converting the output-formatted data to input-formatted data acceptable for input to the switch;
- editing the input-formatted data;
- transmitting the input-formatted data to the switch; and
- populating the switch with the input-formatted data.

19. The method of Claim 18, wherein the step of editing the input-formatted data includes adding new data to the input-formatted data according to a format of the input-formatted data.

20. The method of Claim 18, wherein the step of editing the input-formatted data includes the step of deleting data from the input-formatted data.

21. The method of Claim 18, wherein the step of transmitting the input-formatted data to the switch includes the step of transmitting the input-formatted data to a second switch.

22. The method of Claim 18, whereby the step of transmitting the input-formatted data to the switch includes the step of transmitting the input-formatted data to a plurality of switches.